

## INTERNATIONAL SEARCH REPORT

PCT/IB2004/052761

**A. CLASSIFICATION OF SUBJECT MATTER**  
 IPC 7 G08C17/02 H04N5/445

According to International Patent Classification (IPC) or to both national classification and IPC

**B. FIELDS SEARCHED**Minimum documentation searched (classification system followed by classification symbols)  
 IPC 7 H04B H04N G06F

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ

**C. DOCUMENTS CONSIDERED TO BE RELEVANT**

Category <sup>a</sup>	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 2003/030622 A1 (VAARALA JANI) 13 February 2003 (2003-02-13) paragraph '0022! - paragraph '0052! -----	1-21
X	JP 07 271507 A (NIPPON TELEGR & TELEPH CORP <NTT>) 20 October 1995 (1995-10-20) The examiner has used an automatic translation available at the website of the Japanese Patent Office for interpretation of this document paragraph '0018! - paragraph '0043! -----	1-21
X	US 2003/007104 A1 (HOSHINO TAKESHI ET AL) 9 January 2003 (2003-01-09) paragraphs '0053!, '0054! paragraphs '0061!, '0062! paragraphs '0109! - '0121! ----- -/-	1-21

Further documents are listed in the continuation of box C.

Patent family members are listed in annex.

## \* Special categories of cited documents :

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Date of the actual completion of the international search

10 March 2005

Date of mailing of the international search report

16/03/2005

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## C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category °	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	WO 03/056505 A (BRITISH TELECOMMUNICATIONS PUBLIC LIMITED COMPANY; HOILE, CEFN, RICHAR) 10 July 2003 (2003-07-10) page 1, line 31 – page 3, line 15 page 6, line 6 – page 7, line 30 page 12, line 6 – page 13, line 6 page 21, line 1 – line 15 -----	17-19
A	-----	1-16, 20, 21
X	WO 00/60534 A (KONINKLIJKE PHILIPS ELECTRONICS N.V.) 12 October 2000 (2000-10-12) page 5, line 1 – page 7, line 34	17-19
A	-----	1-16, 20, 21
P, X	WO 2004/084544 A (MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD; YU, XUWEN; ZHENG, WENTAO) 30 September 2004 (2004-09-30) abstract -----	1-21

## INTERNATIONAL SEARCH REPORT

PCT/IB2004/052761

Patent document cited in search report		Publication date		Patent family member(s)		Publication date
US 2003030622	A1	13-02-2003	GB	2374663 A		23-10-2002
JP 7271507	A	20-10-1995	NONE			
US 2003007104	A1	09-01-2003	JP	2003018672 A		17-01-2003
WO 03056505	A	10-07-2003	AU	2002353197 A1		15-07-2003
			CA	2468904 A1		10-07-2003
			EP	1456806 A1		15-09-2004
			WO	03056505 A1		10-07-2003
WO 0060534	A	12-10-2000	CN	1310827 A		29-08-2001
			WO	0060534 A1		12-10-2000
			EP	1082696 A1		14-03-2001
			JP	2002541695 T		03-12-2002
WO 2004084544	A	30-09-2004	WO	2004084544 A1		30-09-2004

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